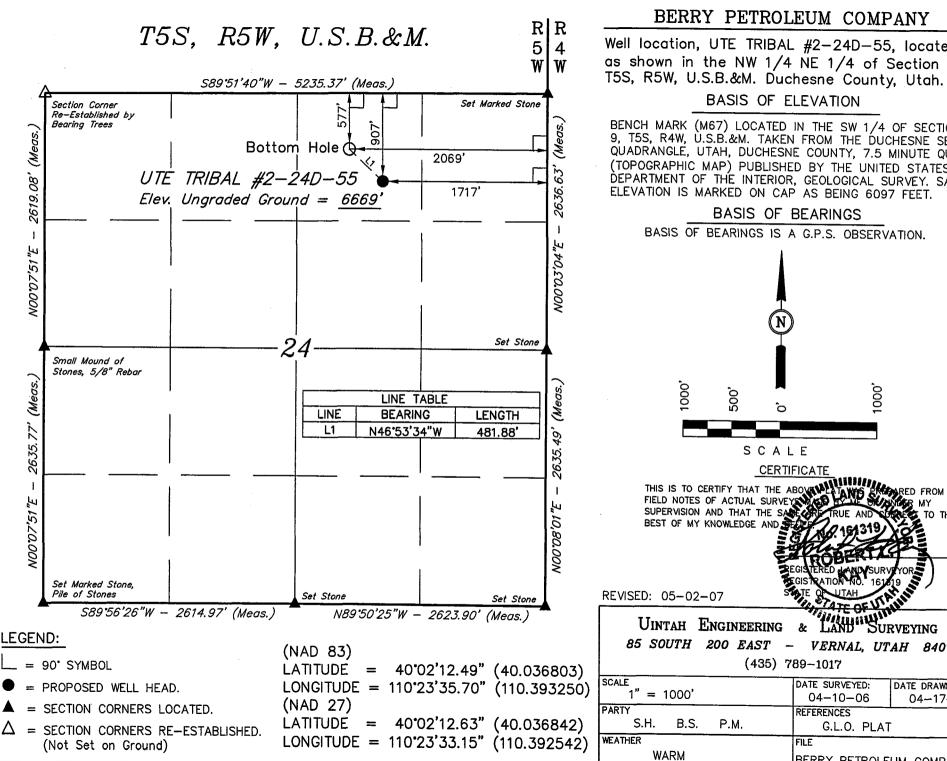
#### FORM 3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	П
(highlight changes)	

APPLICATION FOR PERM	IT TO DRILL	15. MINERAL LEASE NO: 16. SURFACE: 14-20-H62-4749 INDIAN		
1A. TYPE OF WORK: DRILL V REENTER DE	EPEN	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE		
B. TYPE OF WELL: OIL V GAS OTHER	8. UNIT of CA AGREEMENT NAME:  N/A			
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY		9. WELL NAME and NUMBER: UTE TRIBAL 2-24D-55		
3. ADDRESS OF OPERATOR:	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:		
	14zp 84066 (435)722-1325 6827 -110.392453	BRUNDAGE CANYON  11. QTR/QTR, SECTION, TOWNSHIP, RANGE,		
	NAD OF	MERIDIAN: (NW/NE)		
AT SURFACE: 907 FNL, 1717 FEL 551726 X 4431919 40.037737 -//0.393 AT PROPOSED PRODUCING ZONE: 577' FNL 2069' FEL	40.036842 LAT 110.392542 LONG	SEC. 24, T.5S., R.5W. U.S.B.&M.		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:		12. COUNTY: 13. STATE:		
25.4 MILES FROM MYTON, UTAH		DUCHESNE UTAH		
<u> </u>	JMBER OF ACRES IN LEASE: 17. NU	MBER OF ACRES ASSIGNED TO THIS WELL:		
907'	640	40		
APPLIED FOR) ON THIS LEASE (FEET)		OND DESCRIPTION:		
900' 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 22. AF	6045' PPROXIMATE DATE WORK WILL START: 23, ES	RLB0005651 STIMATED DURATION:		
6664' GR	REFER TO BPC SOP PLAN	REFER TO BPC SOP PLAN		
24. PROPOSED CA	SING AND CEMENTING PROGRAM			
SIZE OF HOLE CASING SIZE, GRADE, AND WEIGHT PER FOOT SETTING	G DEPTH CEMENT TYPE, QUANTITY	, YIELD, AND SLURRY WEIGHT		
REFER TO BERRY PETROLEUM COM	DANY CODE DOLL INC PROCRAMIC	ASING DESIGN		
REFER TO BERRY PETROLEUM COM	PANT SOP'S DRILLING PROGRAM/C	ASING DESIGN		
25.	ATTACHMENTS			
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND	GAS CONSERVATION GENERAL RULES:			
▼ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	COMPLETE DRILLING PLAN (BPC	SOP ON FILE WITH STATE)		
$\sqrt{}$ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	OR COMPANY OTHER THAN THE LEASE OWNER			
NAME (PLEASE PRINT) SHELLEY E. CROZIER	TITLE REGULATORY	& PERMITTING SPECIALIST		
Alana S. M in				
SIGNATURE OF CONTROL	DATE	06/13/07		
(This space for State use only)	Approved by the			
119 110 101 10	Approved by the Utah Division of	CEIVED		
API NUMBER ASSIGNED: 45°013°33 U°1	NI Coc and Wining			
		JN 1 5 2007		
(See 1) (See 1) (See 2) (See 2	nstructions on Revelse (s(de)	OIL, GAS & MINING		
Action is Necessary Date	DIV. OF	OIL) and a		



#### BERRY PETROLEUM COMPANY

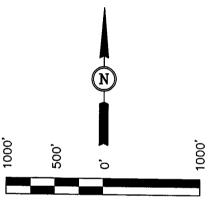
Well location, UTE TRIBAL #2-24D-55. located as shown in the NW 1/4 NE 1/4 of Section 24, T5S, R5W, U.S.B.&M. Duchesne County, Utah.

#### BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FFET.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SUPERVISION AND THAT THE SALE

#### LAND SURVEYING & 85 SOUTH 200 EAST - VERNAL, UTAH 84078

DATE SURVEYED: DATE DRAWN: 04-10-06 04-17-06 REFERENCES

G.L.O. PLAT FILE

BERRY PETROLEUM COMPANY

#### **SELF-CERTIFICATION STATEMENT**

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

Ute Tribal 2-24D-55

NW 1/4, NE 1/4, 907' FNL 1717' FEL, Section 24, T. 5 S., R. 5 W., U.S.B.& M.

BHL: WW 1/4, NE 1/4, 577' FNL 2069' FEL

Lease BIA 14-20-H62-4749

Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.

Shelley E. Crozier

Regulatory & Permitting Specialist Berry Petroleum Company

Theney E. Crozier

4000 South 4028 West

Route 2, Box 7735

Roosevelt, Utah 84066

435-722-1325

#### BERRY PETROLEUM COMPANY

Ute Tribal 2-24D-55

Surface location NW 1/4, NE 1/4, 907' FNL 1717' FEL, Section 24, T. 5 S., R. 5 W., U.S.B.& M.

BHL: W ¼, NE ¼, 577' FNL 2069' FEL Duchesne County, Utah

#### ONSHORE ORDER NO. 1

#### **DRILLING PROGRAM**

# 1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth@BHL	Depth@SHL
Uinta	On Surface	On Surface
Green River	1,323'	1,319'
Green River Upper Marker	1,918'	1,917'
Mahogany	2,576'	2,573'
Tgr3 Marker	3,624'	3,620'
Douglas Creek	4,401'	4,397'
*Black Shale	5,040'	5,039'
*Castle Peak	5,324'	5,331'
Uteland Butte Ls.	5,742'	5,737'
Wasatch	5,952'	5,945'
TD	6,050'	6,045'
Base of Moderately Saline	4,332'	4,305'

#### \*PROSPECTIVE PAY

Berry is locating the well at the surface location and directionally drilling from this location to minimize surface disturbance and Berry will be able to utilize the existing road and pipelines in the area.

Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.

#### 3 Pressure Control Equipment

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 4 Proposed Casing and Cementing Program

Berry Petroleum Company Drilling Program Ute Tribal 2-24D-55 Duchesne County, Utah Page Two

#### 5 Drilling Fluids Program

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 6 Evaluation Program

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 7 Abnormal Conditions

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 8 Anticipated Starting Dates and Notification of Operations

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 9 Other information

#### BERRY PETROLEUM COMPANY

Ute Tribal 2-24D-55

Surface location NW 1/4, NE 1/4, 907' FNL 1717' FEL, Section 24, T. 5 S., R. 5 W., U.S.B.& M. BHL: W 1/4, NE 1/4, 577' FNL 2069' FEL Duchesne County, Utah

#### ONSHORE ORDER NO. 1

#### MULTI POINT SURFACE USE & OPERATIONS PLAN

#### 1 Existing Roads

To reach the Berry Petroleum Company well, Ute Tribal 2-24D-55 location, in Section 24-T5S-R5W:

Start in Myton, Utah. Proceed west on US Highway 40, 8.6 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn south and proceed 10.1 miles to the Brundage Canyon Road. Turn southwest then north on the Brundage Canyon road and proceed west 6.0 miles. Turn northwest and proceed 0.6 miles to the Ute Tribal 2-24D-55 access road. Proceed 0.1 +/- to the Ute Tribal 2-24D-55 location.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

#### 2 Planned Access Road

See Topographic Map "B" for the location of the proposed access road.

#### 3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

# 4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

Berry Petroleum Company Multi Point Surface Use & Operations Plan Ute Tribal 2-24D-55 Duchesne County, Utah Page Two

#### 5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or Myton (Moon) Pit, SE/NE Sec. 27, T3S, R2W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W or from Kenneth V. & Barbara U. Richens source well located in Sec. 34, T3S, R2W, permit # 43-1723 or Brundage Canyon Field produced water or Leo Foy source well located in Sec. 34, T5S, R5W, permit # 43-11324. A water use agreement is also in place with the Ute Tribe.

#### 6 Source of Construction Materials

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 7 Methods of Handling Waste Materials

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 8 Ancillary Facilities

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

#### 9 Wellsite Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

#### 10 Plans for Restoration of the Surface

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006). If an Archaeological Study is preformed, all seed mixture will match Archaeological recommendation.

#### 11 Surface Ownership

Ute Indian Tribe

#### 12 Other information

Berry Petroleum Company Multi Point Surface Use & Operations Plan Ute Tribal 2-24D-55 Duchesne County, Utah Page Three

#### 13 Operator's Representative and Certification

A)

Representative

NAME:

Shelley E. Crozier

ADDRESS:

Berry Petroleum Company 4000 South 4028 West Route 2, Box 7735

Roosevelt, Utah 84066

PHONE:

435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

#### B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

LINUNU 13, 2007

Regulatory & Permitting Specialist

Berry Petroleum Company

#### APPLICATION FOR GRANT OF CORRIDOR RIGHT-OF-WAY

BERRY PETROLEUM COMPANY. having a resident or principal place of business at Route 2 Box 7735, Roosevelt, Utah, 84066, hereby files an application with the Bureau of Indian Affairs, pursuant to the terms and provisions of the Act of February 5, 1948 (62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the Interior contained in Title 25, Code of Federal Regulations, Part 169, for the grant of a Right-of-Way for the following purposes and reasons:

To construct a Drill Site & Corridor Right-of-Way for the <u>UTE TRIBAL #2-24D-55 & #7-24D-55</u>

Across the following described Indian Lands N ½ NE 1/4 OF SECTION 24, T5S, R5W, U.S.B.&M.

Drill Site = 2.268 Ac.

Corridor R-O-W = 0.677 Ac. (Access Road & Pipeline)

Total Acreage = 2.945 Acres

#### 4" to 6" SDR-11 POLY PIPELINE

Said Right-of-Way to be approximately 982.85 feet in length, 30 feet in width, and 0.677 Acres, and more particularly described and shown on the map of definite location to be attached and made a part hereof. The applicant understands and hereby expressly agrees to the following stipulations:

- (a) To construct and maintain the Right-of-Way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the deposit made pursuant to 169.4 determined by the Secretary to be due the landowners and authorized users and occupants of the land on account of the survey, granting, construction and maintenance of the Right-of-Way.
- (c) To indemnify the landowners and authorized users and occupants against any liability for loss of life, personal injury and property damage arising from the construction, maintenance, occupancy or use of the lands by the applicant, his employees, contractors and their employees or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original condition upon the completion of the construction to the extent compatible with the purpose for which the Right-of-Way was granted.
- (e) To clear and keep clear the lands within the Right-of-Way to the extent compatible with the purpose of the Right-of-Way; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project.
- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the Right-of-Way.

- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the Right-of-Way.
- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the Right-of-Way.
- (I) That upon revocation or termination of the Right-of-Way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations of the address of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the Right-of-Way is granted.

IN WITNESS THEREOF, BERRY PETROLEUM COMPANY. has caused this instrument to

Chase Henrine

BERRY PETROLEUM COMPANY
APPLICANT

Ed Courtright/Production Foreman

Route 2 Box 7735 Roosevelt, Utah 84066 Phone:(435)722-1325

#### SUPPORTING DOCUMENTS:

()	Written	consent of	of the	landowners.
----	---------	------------	--------	-------------

- () Evidence of good faith and financial responsibility.
- (x) \$\frac{\\$0}{2}\$ as per the terms of the Exploration and Development Agreement (14-20-H62-4659)
- ( ) State certified copy of corporate charter or articles of corporation.
- ( ) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulation
- ( ) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- (x) Map of definite location.
- () Other:

# UTE TRIBAL #2-24D-55 & #7-24D-55 DAMAGE AREA & CORRIDOR RIGHT-OF-WAY SECTION 24, T5S, R5W, U.S.B.&M.

#### TOTAL CORRIDOR RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 982.85' OR 0.186 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 0.677 ACRES MORE OR LESS.

#### ENGINEER'S AFFIDAVIT

STATE OF UTAH ) SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR BERRY PETROLEUM COMPANY, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE DAMAGE AREA AND CORRIDOR RICHT—OF—WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTOR FROM ADD FIELD NOTES; AND THAT SAID RIGHT—OF—WAY, 0.186 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

**ACKNOWLEDGEMENT** 

SUBSCRIBED AND SWORN BEFORE ME THIS 4 DAY OF

MY COMMISSION EXPIRES Ang 17, 2010

APPLICANT'S CERTIFICATE

VERNAGE TAH
VERNAG

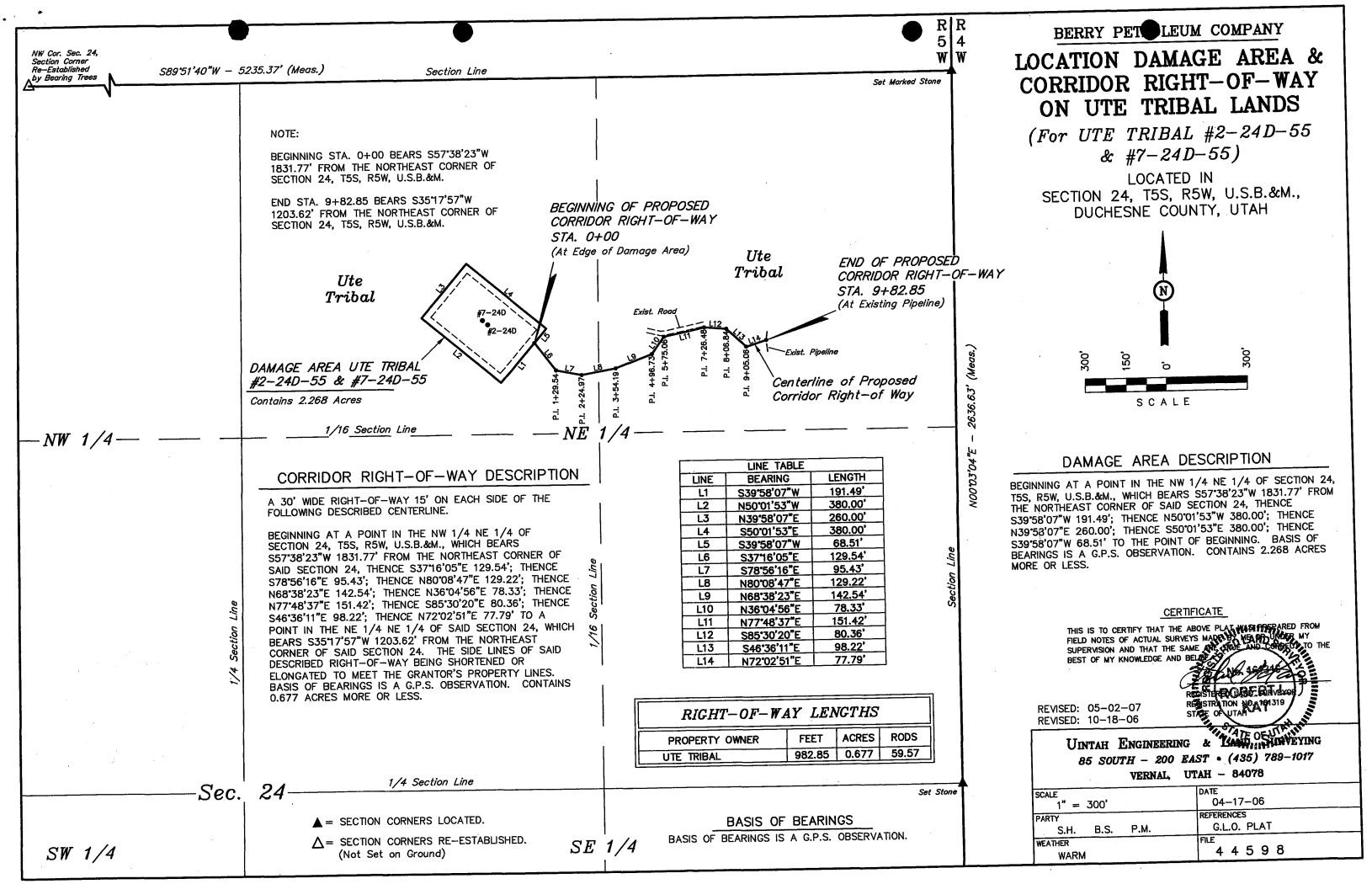
TE OF UTAH

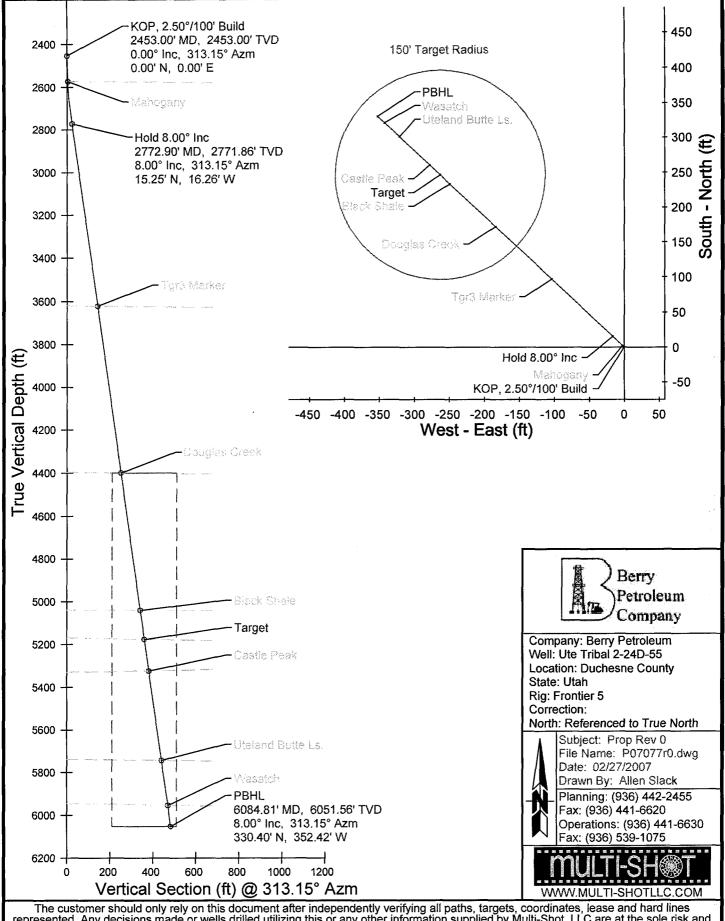
Vernal, Ulah 84078 My Commission Expires August 17, 2010 State of Utah

I, ED COURTRIGHT, DO HEREBY CERTIFY THAT I AM THE AGENT FOR BERRY PETROLEUM COMPANY, HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS DAMAGE AREA AND CORRIDOR RIGHT—OF—WAY, 0.186 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 9+82.85, THAT SAID DAMAGE AREA AND CORRIDOR RIGHT—OF—WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT—OF—WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT—OF—WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT—OF—WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

PRODUCTION SUPERVISOR

TITLE





The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.

multi-shet

Measured

Job Number: P07-077

Company: Berry Petroleum

Lease/Well: Ute Tribal 2-24D-55

**Location: Duchesne County** 

Rig Name: Frontier 5

**RKB: 14'** 

Drift

Incl

G.L. or M.S.L.: 6664'

True

State/Country: Utah

Declination:

Vertical

**Grid: Referenced to True North** 

File name: F:\WELLPL~1\2007\P07070'S\P07077\07077.SVY

CLOSURE

Doglea

Date/Time: 27-Feb-07 / 15:16

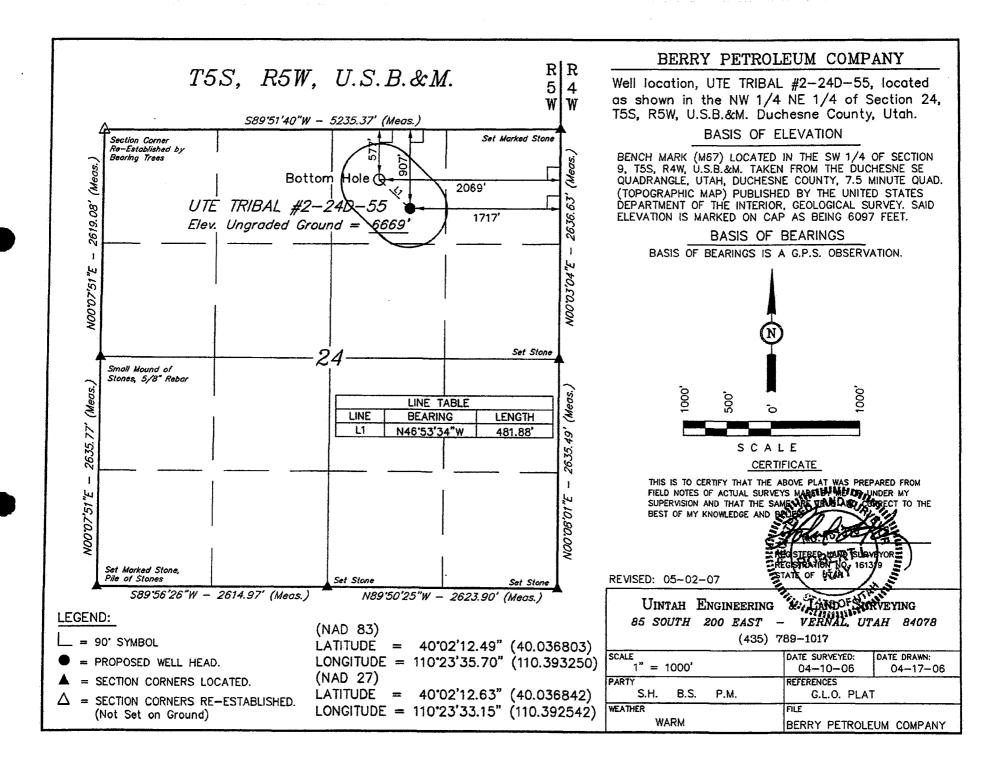
Curve Name: Prop Rev 0

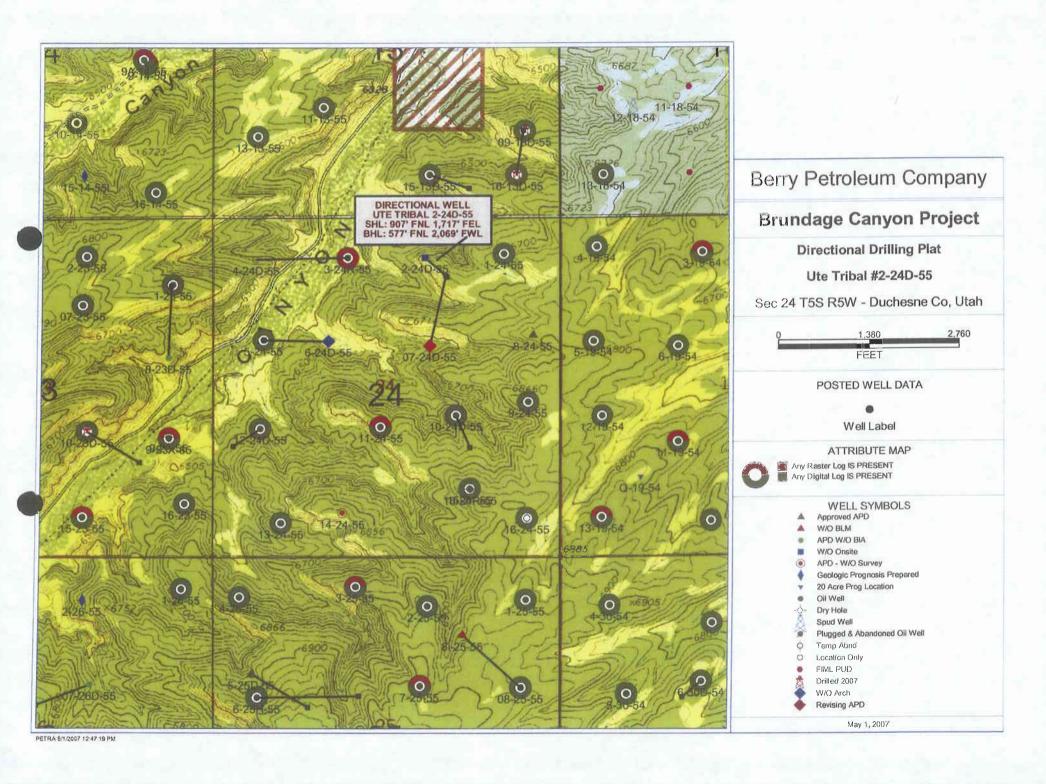
# WINSERVE SURVEY CALCULATIONS Minimum Curvature Method Vertical Section Plane 313.15

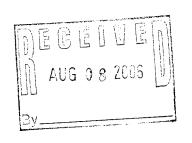
Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

Measured Depth	Inci Angle	Drift Direction	Vertical	N-S	E-W	Vertical Section	Distance	Direction	Dogleg Severity
FT	Deg	Deg	Depth	FT	FT	FT	FT	Deg	Deg/100
KOP, 2.50	°/100' Bui	ild							
2453.00	.00	313.15	2453.00	.00	.00	.00	.00	.00	.00
2553.00	2.50	313.15	2552.97	1.49	-1.59	2.18	2.18	313.15	2.50
Mahogany	1								
2573.09	3.00	313.15	2573.04	2.15	-2.30	3.15	3.15	313.15	2.50
2653.00 2753.00	5.00 7.50	313.15 313.15	2652.75 2752.14	5.96 13.41	-6.36 -14.30	8.72 19.61	8.72 19.61	313.15 313.15	2.50 2.50
Hold 8.00°									
2772.90	8.00	313.15	2771.86	15.25	-16.26	22.29	22.29	313.15	2.50
Tgr3 Mark	er								
3630.73	8.00	313.15	3621.35	96.87	-103.33	141.64	141.64	313.15	.00
Douglas C	reek								
4416.89	8.00	313.15	4399.86	171.68	-183.13	251.02	251.02	313.15	.00
Black Sha	le								
5063.27	8.00	313.15	5039.96	233.19	-248.73	340.95	340.95	313.15	.00
Target									
5201.66	8.00	313.15	5177.00	246.36	-262.78	360.20	360.20	313.15	.00
Castle Pea	ak								
5350.10	8.00	313.15	5324.00	260.49	-277.85	380.86	380.86	313.15	.00
Uteland B	utte Ls.								
5773.14	8.00	313.15	5742.92	300.74	-320.79 ge 1	439.71	439.71	313.15	.00

Measured Depth	Incl Angle	Drift Direction	True Vertical	N-S	E-W	Vertical Section	C L O : Distance	S U R E Direction	Dogleg Severity
FT FT	Deg	Deg	Depth	FT	FT	FT	FT	Deg	Deg/100
Wasatch						,			
5986.69	8.00	313.15	5954.40	321.06	-342.46	469.43	469.43	313.15	.00
PBHL									
6084.81	8.00	313.15	6051.56	330.40	-352.42	483.08	483.08	313.15	.00







Berry Petroleum Company,
Ute Tribal #2-24-55 well:
A Cultural Resource Inventory for a well pad,
its access and pipeline,
Uintah-Ouray Ute Reservation,
Duchesne County, Utah

By
James A. Truesdale
and
Cody C. Newton

James A. Truesdale Principle Investigator

Prepared For Berry Petroleum Co. 3846 South Highway 40 Roosevelt, Utah 84066

Prepared By
AN INDEPENDENT ARCHAEOLOGIST
P.O.Box 153
Laramie, Wyoming
82073

Utah Project # U-06-AY-641(i)
August 3, 2006

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Ute Tribal #2-24-55
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Figure 1. Location of the Berry Petroleum Co.'s proposed Uter Tribal #2-24-55 well, its access and pipeline or 7.5'/1996 USGS quadrangle map Duchesne SW, Duchesne County, Utah 2
Figure 2. View to north at the proposed Ute Tribal #2-24-55 well centerstake and well pad area 4
Figure 3. Oblique view of colluvial sediments on and surrounding the Ute Tribal #2-24-55 well centerstake and well pagarea 5

#### Introduction

An Independent Archaeologist (AIA) was contacted by a representative of Berry Petroleum Co., to conduct a cultural resources investigation of the proposed Ute Tribal #2-24-55 well, its access and pipeline. The location of the project area is in the NW/NE 1/4 of Section 24, T5S, R5W, Duchesne County, Utah (Figure 1).

The proposed Ute Tribal #2-24-55 well's centerstake (Alternate #1) footage is 907' FNL and 1717' FEL. The Universal Transverse Mercator (UTM) centroid coordinate for the proposed Ute Tribal #2-32-55 well centerstake in Zone 12, North American Datum (NAD) 83 was unavailable.

From an existing oil and gas field service road and pipeline, the proposed access and pipeline parallel each other and trend west 800 feet (243.9 m) to the proposed Ute Tribal #2-24-55 well.

The land surface is administered by the United States, Bureau of Indian Affairs, Phoenix Area Office, Uintah-Ouray Agency, and the Uintah-Ouray Ute tribe, Fort Duchesne, Utah. A total of 13.66 acres (10 block, 3.66 linear) was surveyed. Fieldwork was authorized through an access permit issued by the Energy and Minerals Resource Division of the Uintah-Ouray Ute tribe. The fieldwork was conducted on July 26, 2006 by AIA archaeologists James Truesdale and CJ Truesdale. AIA personnel were accompanied by Mr. Brad Pinnacoose (technician, Energy and Minerals Resource Department, Uintah-Ouray Ute Tribe). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

#### File Search

A GIS file search was conducted at the Utah Division of State History (UDSH), Antiquities Section, Records Division on May 11, 2006. In addition, AIA's USGS quadrangle Duchesne SW, Duchesne SE, Anthro Mountain and Anthro Mountain NE base map were updated from UDSH Records division Duchesne SW, Duchesne SE, Anthro Mountain and Anthro Mountain NE base maps in November of 2003 and again on February 2, 2004. The UDSH SHPO GIS file search reported that one previous project (U-98-AY-440) had been conducted in the general area (Section 24, T5S R5W). No cultural resources (sites and/or isolates) have been recorded in the general area (Section 24, T5S R5W). No additional projects and/or cultural materials (sites, isolates) have been previously recorded in the immediate project area.

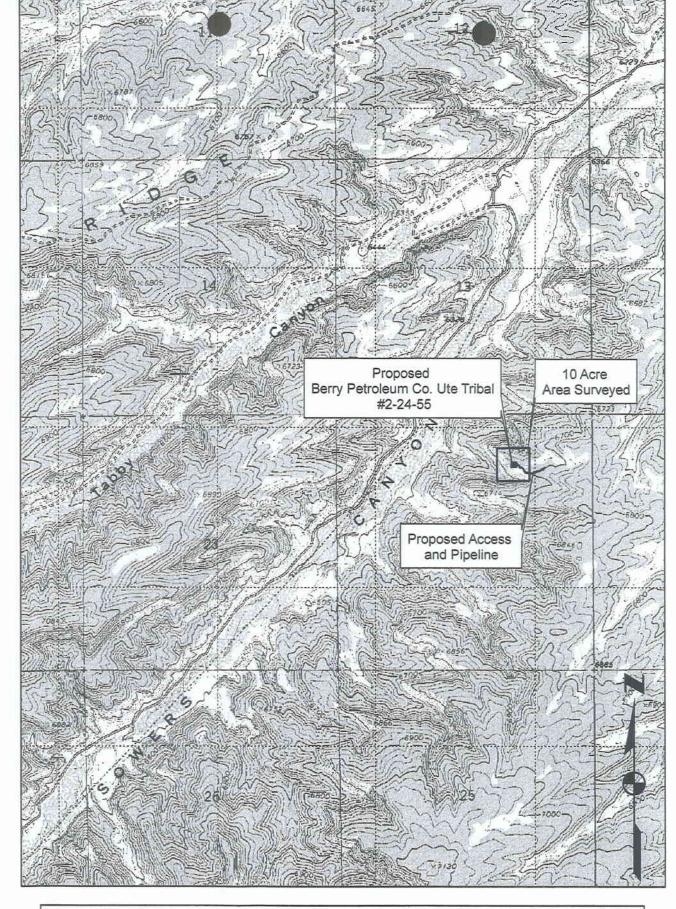


Figure 1. Location of the Berry Petroleum Co.'s proposed Ute Tribal #2-24-55 well its access and pipeline on 7/5'/1964 USGS Quadrangle map Duchesne SW, Uintah-Ouray Reservation, Duchesne County, Utah.

#### Environment

Physiographically, the project is located in the Uinta Basin, approximately 25 miles southwest of Myton, Utah. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The Uinta Basin is a large, relatively flat, bowl shaped, east-west asymmetrical syncline near the base of the Uinta Mountains (Stokes 1986:231). The topography is characteristic of sloping surfaces which incline northward and are mainly dip slopes on the harder layers of Green River and Uinta Formations. The terrain is characterized as having steep ridges and/or buttes of Uintah Formation sandstones and clays dissected by seasonal drainages and washes with wide flat alluvial plains. The basin contains a thick section of more than 9000 feet (2743.9 m) of early Tertiary rocks (Childs 1950). These rocks are mainly Paleocene and Eocene in age and consist of sandstone, clay and shale lacustrine, fluviatile, and deltaic continental deposits, most famous of which are the lacustrine Green River Beds.

The project area is located on top of a small ridge along the western drainage slope of a larger ridge located between Sowers Canyon to the north and Brundage Canyon to the south. Portions of the desert hardpan and bedrock in the project area are covered with aeolian sand that may reach a depth of over 50 to 100 centimeters in areas. Nutters Canyon drainage trends northeast approximately 5 miles to Sowers Canyon which trends northeast 3 miles to Antelope Creek and then 10 miles north to the Duchesne River.

Vegetation in the project area is characteristic of a Pinon/Juniper community. Species observed in the project area include; Pinyon pine (Pinus Edulis), juniper (Juniperus curl-leaf mahogany (Cercocarpus Osteosperma), mountain ledifolius), shadscale (Atriplex confertifolia), sand sage, (Artemesia filifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), Indian ricegrass hymenoides), desert needlegrass (Stipa speciosa), wild buckwheat Eriogonum ovalifolium), silky lupine (Lupinus sericeus), desert globemallow (Bromus tectorum), sky rocket (Gilia aggregata), Tansy leaved evening primrose (Oenothena tanacetifolia), Rydberg's Penstemon (Penstemon rydbergi), Stemless Hymenoxys (Hymenoxys acaulis), Sego Lily (Calochortus nuttallii), peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), Simpson's Hedgehog cactus (Pediocactus simpsonii) and prickly pear cactus (Opuntia spp.).

The immediate proposed Berry Petroleum Co. Ute Tribal #2-24-55 well is situated on top and along of a small narrow east to The small ridge is part of the west trending (Figure 2). northwestern drainage slopes of a much larger southwest to northeast trending ridge system between Sowers Canyon to the west and Brundage Canyon to the east. The vegetation on the well location is dominated by a Pinyon/juniper forest with an understory of mountain mahogany, big sagebrush, budsage, prickly pear buckwheat, yucca, prickly pear cactus and bunchgrasses (wheatgrass, Indian rice grass). A low sagebrush community buckwheat, consisting of sagebrush, saltbush, rabbitbrush, bunchgrasses and prickly pear cactus can be found in the open areas along the broad open flats on top of the ridge. Sediments are colluvial in The colluvium consists of shallow (<10 cm), poorly nature. sorted, loosely compacted, tan to light brown sandy clay loam mixed with small to medium sized flat angular pieces of sandstone, clay and shale (Figure 3). The elevation is 6680 feet (2036.58 m) AMSL.

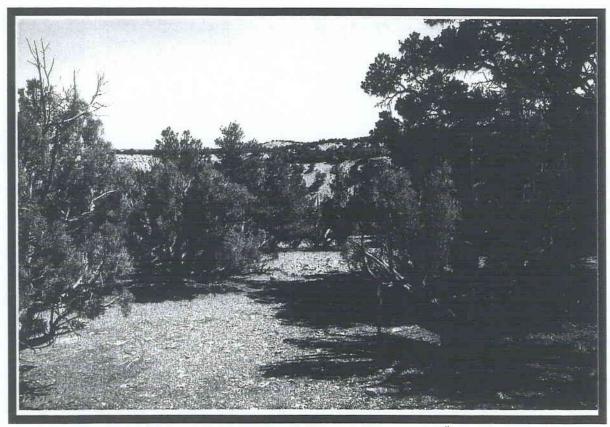


Figure 2. View to north at the proposed Ute Tribal #2-24-55 well centerstake and well pad area.

From the an existing access and pipeline, the proposed access

and pipeline trend 800 feet (243.9 m) west to the proposed well pad. From the existing access and pipeline, the access and pipeline trend slightly southwest up a small ridge slope then turns west and continues along the top of a small ridge to the proposed well pad. Sediments along the access and pipeline consist of shallow (<5 cm), poorly sorted, loosely compacted, tan to light brown, sandy clay loam colluvium mixed with small sized angular pieces of Uinta formation sandstone, clay and shale. Exposures of sandstone, clay and shale bedrock can be found eroding from the ridge's talus slopes. Vegetation along the access and pipeline is dominated by Pinyon and juniper trees with an understory of mountain mahogany, low sage, yucca and prickly pear cactus.

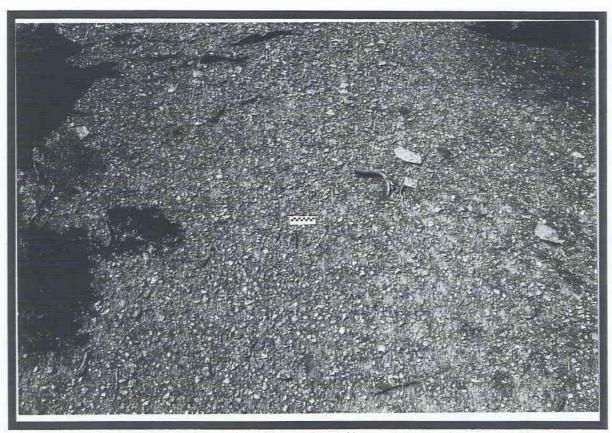


Figure 3. Oblique view of colluvial sediments on and surrounding the Ute Tribal #2-24-55 well centerstake and well pad area.

The surrounding landscape exhibits exposures relatively thick ledges of sandstone with thinner layers of clay and shale. The surrounding vegetation is dominated by a Pinyon/juniper community with a understory of mountain mahogany, low sagebrush, yucca, bunchgrasses along the hill and ridge slopes, and low sagebrush community in the ridge top flats and open parks.

#### Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed well location to allow for relocation of the Ute Tribal #2-24-55 pad if necessary. The survey was accomplished by walking transects spaced no more than 15 meters apart. The proposed access and pipeline parallel each other. Each of these linear corridors surveyed are 800 feet (243.9 m) long and 100 feet (304.8 m) wide, 1.83 acres. Thus, 3.66 linear acres were surveyed.

Geologic landforms (rockshelters, alcoves, ridge tops and saddles) and areas of subsurface exposure (ant hills, blowouts, rodent holes and burrow, eroding slopes and cutbanks) were examined with special care in order to locate cultural resources (sites, isolates) and possibly help assess a site's sedimentary integrity and potential for the presence and/or absence of buried intact cultural deposits. The entire surface areas of ridge tops were covered. All exposures of sandstone cliff faces, alcoves or rockshelter, and talus slopes were surveyed.

When cultural materials are discovered, a more thorough survey of the immediate vicinity is conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts are located during the search then the initial artifact was recorded as an isolated find. At times, isolated formal tools (typical end scrapers, projectile points) were drawn and measured. The isolate was then described and its location plotted on a U.S.G.S. topographic map and UTM coordinates are recorded.

When sites are found an Intermountain Antiquities Computer System (IMACS) form was used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) are mapped. Sites were mapped with a Brunton compass and pacing off distances from a mapping station (datum). All debitage is inventoried using standard recording techniques (Truesdale et al 1995:7) according to material type, basic flake type, and so on. Selected (mostly complete) stone tools and projectile points are drawn and measured. All features (rockart panel(s), hearths, foundations, trash dumps and trails) are measured and described, while selected features are either drawn or photographed.

Site location data is recorded by a GARMIN Global Positioning System (GPS III Plus) and/or an E-Trex GPS. Site elevation and Universal Transverse Mercator (UTM) grid data, its Estimated Position Error (EPE) and Dilution of Precision (DOP) were recorded. Using the GPS data, the site location was then placed on a USGS 7.5' quadrangle map.

#### Results

A total of 13.66 acres (10 block, 3.66 linear) were surveyed for cultural resources within and around the proposed Berry Petroleum Co. Ute Tribal #2-24-55 and along its access and pipeline. No cultural resources (sites, isolates) were recorded during the survey.

Modern trash (plastic soda pop, oil and antifreeze bottles, clear, green, and brown bottle glass, sanitary food cans, foam insulation and miscellaneous metal scraps) can be found throughout the Brundage Canyon/Sowers and Antelope Canyon Oil and gas Field and along its service roads.

#### Recommendations

A total of 13.66 acres (10 block, 3.66 linear) were surveyed for cultural resources within and around the proposed Berry Petroleum Co. Ute Tribal #2-24-55 and along its access and pipeline. No cultural resources (sites, isolates) were recorded during the survey.

Modern trash (plastic soda pop, oil and antifreeze bottles, clear, green, and brown bottle glass, sanitary food cans, foam insulation and miscellaneous metal scraps) can be found throughout the Brundage Canyon, Nutters Canyon, and the Sowers and Antelope Canyon Oil and gas Field and along its service roads.

No cultural resources were located on or surrounding the proposed well pad or along its access and pipeline. Sediments on and surrounding the proposed well pad and along its access and pipeline are colluvial in nature. Thus the possibility of buried and intact cultural materials on and surrounding the proposed well pad or along its access and pipeline is low. Thus, no additional archaeological work is necessary and clearance is recommended for the construction of the proposed Ute Tribal #2-24-55 well pad, its access and pipeline.

#### REFERENCES CITED

- Childs, O.E.
  - 1950 Geologic history of the Uinta Basin, Utah Geological and Mineralogical Survey. Guidebook to the Geology of Utah, No. 5:49-59.
- Stokes, William Lee
  - 1986 Geology of Utah. Contributions by Utah Museum of Natural History, and the Utah Geological and Mineral Survey Department of Natural Resources. Utah Museum of Natural History, Occasional Papers, Number 6.
- Thornbury, William D.
  - 1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc.
- Truesdale, James A., Kathleen E. Hiatt, and Clifford Duncan
  1995 Cultural Resource Inventory of the Proposed Ouray
  Gravel Pit Location, Uintah-Ouray Ute Reservation,
  Uintah County, Utah. Report prepared for U & W
  Construction, Ft. Duchesne, Utah by AIA, Laramie,
  Wyoming.

# **BERRY PETROLEUM COMPANY**

UTE TRIBAL #2-24D-55 & #7-24D-55 LOCATED IN DUCHESNE COUNTY, UTAH

**SECTION 24, T5S, R5W, U.S.B.&M.** 



PHOTO: VIEW OF LOCATION STAKES

**CAMERA ANGLE: NORTHEASTERLY** 



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: WESTERLY** 



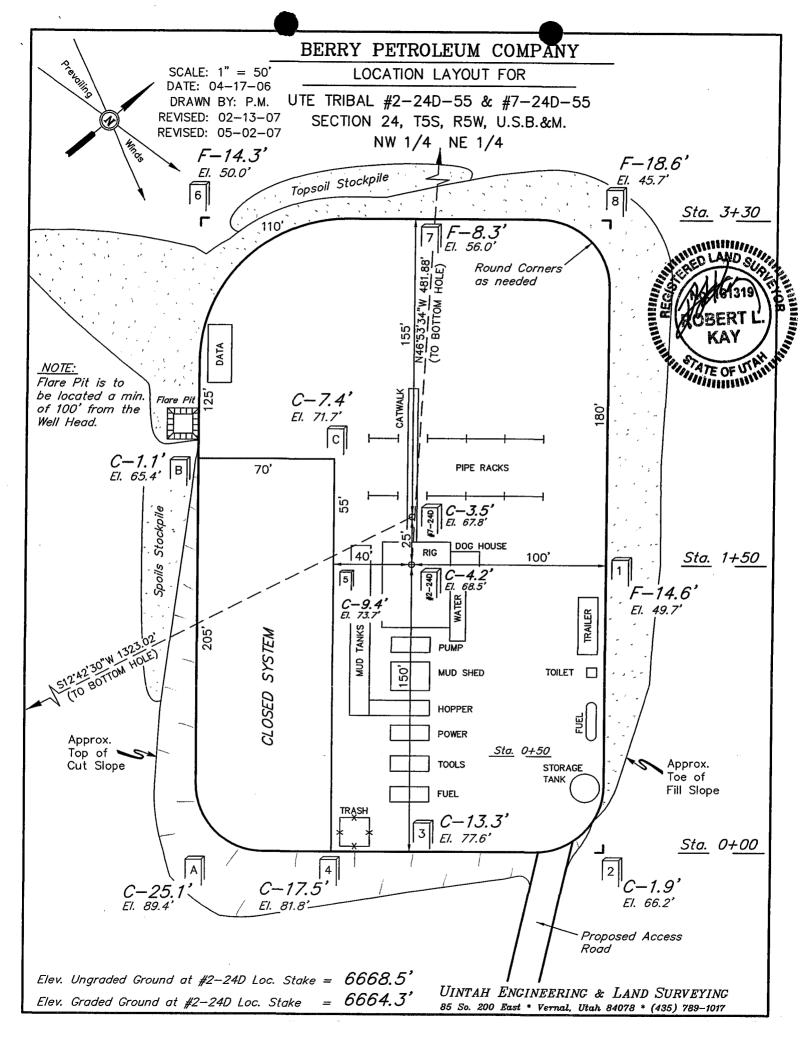
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

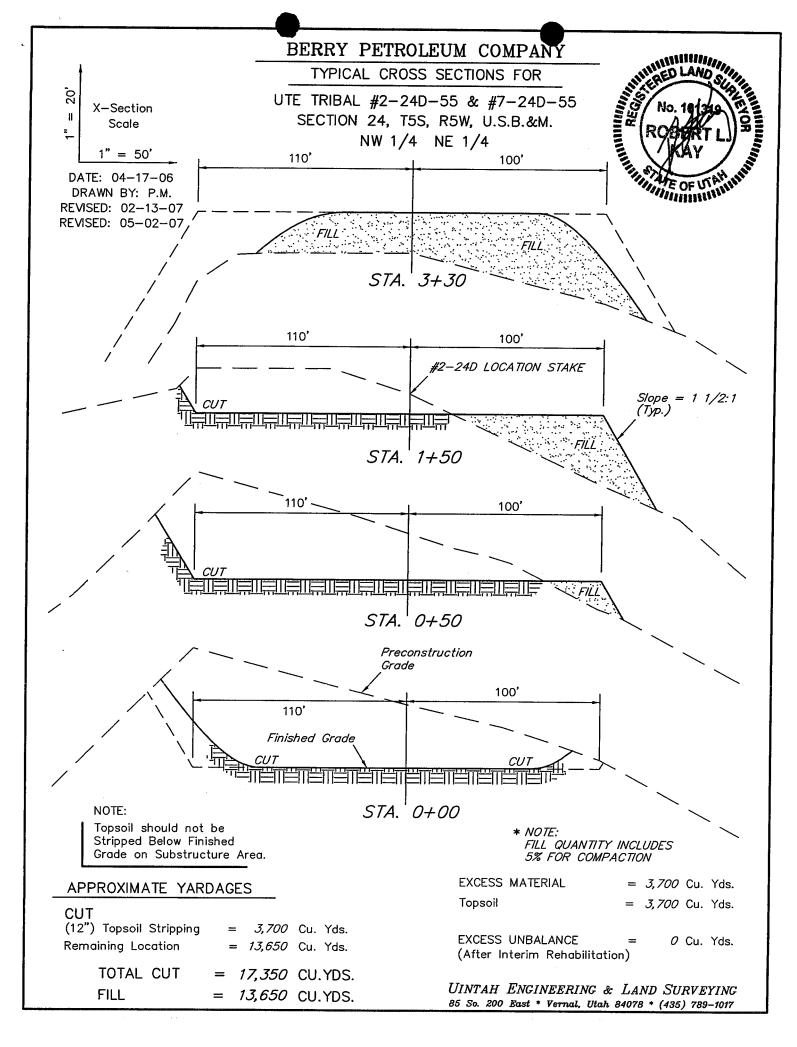
**LOCATION PHOTOS** 

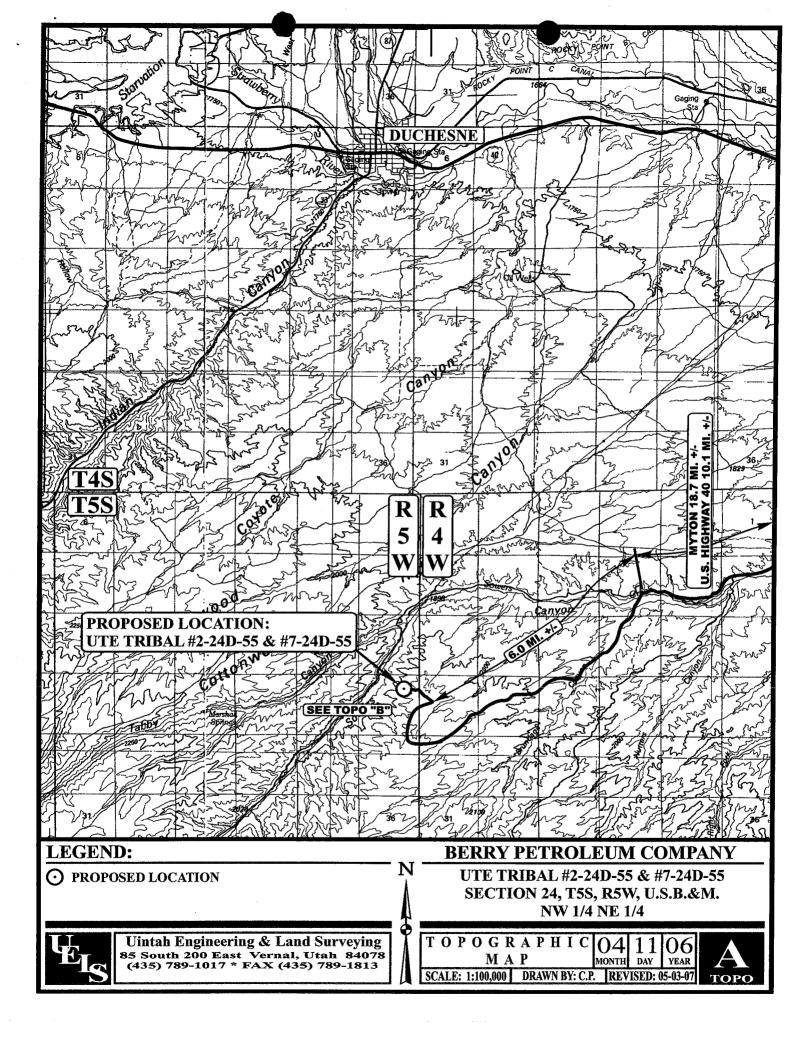
MONTH DAY YEAR

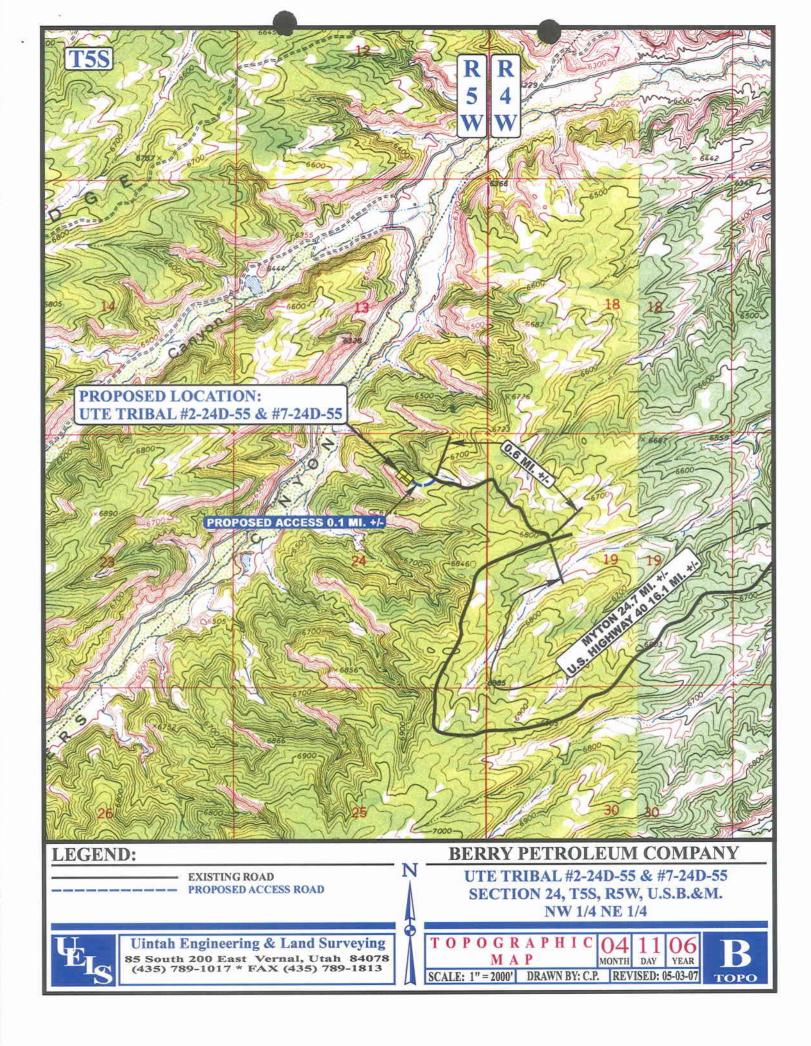
**РНОТО** 

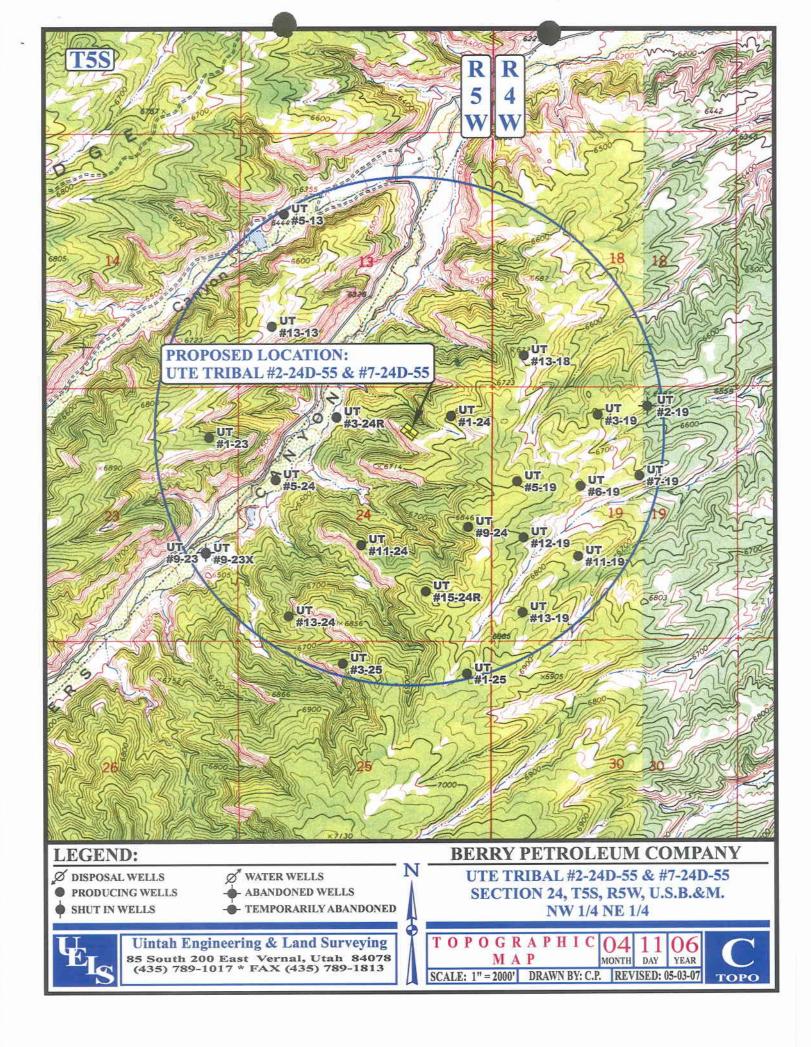
TAKEN BY: S.H. | DRAWN BY: C.P. | REVISED: 05-03-07

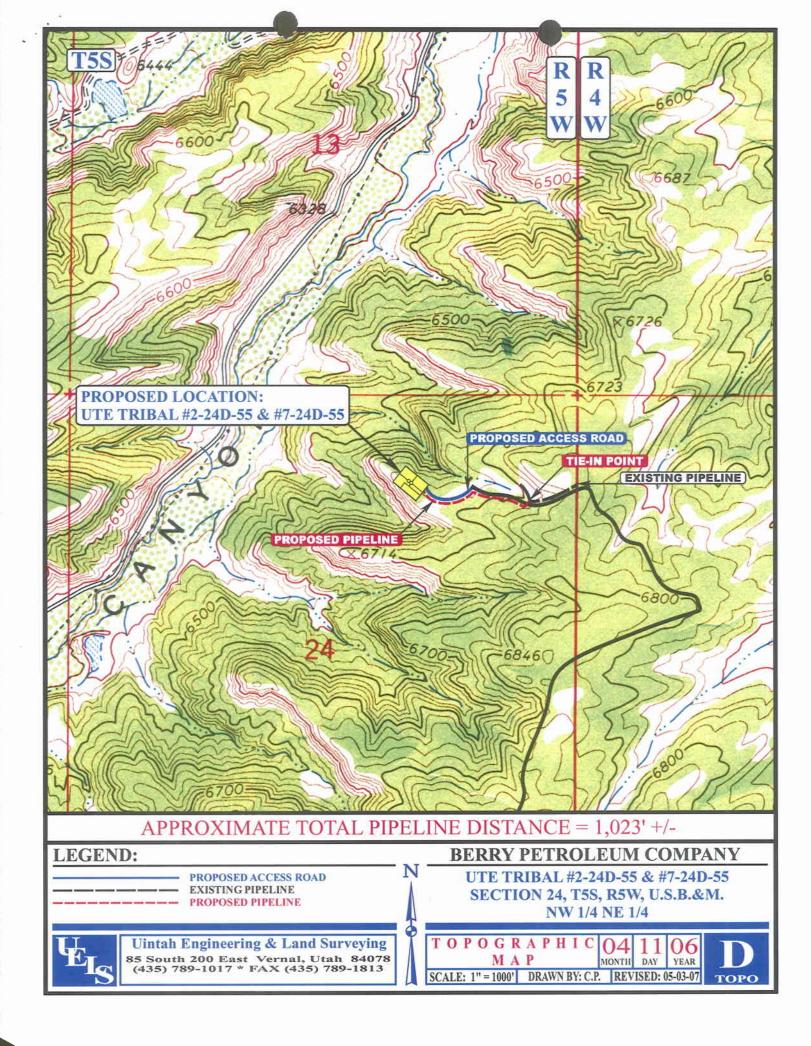




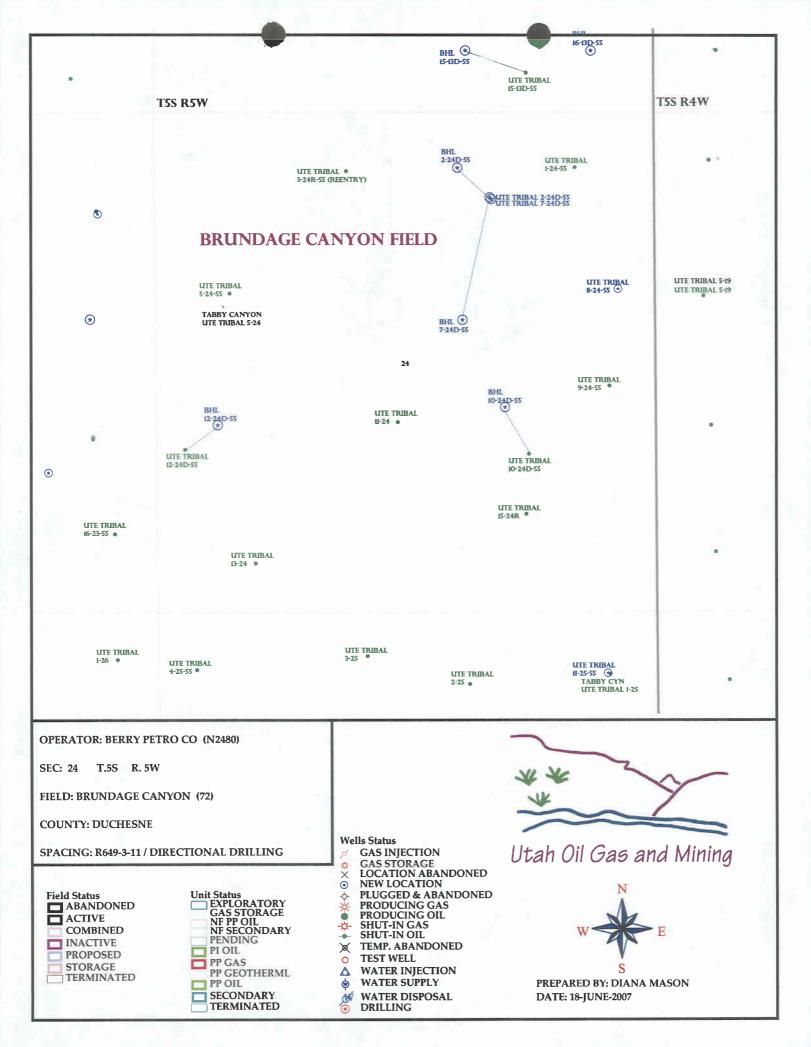


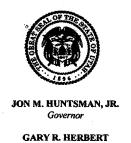






APD RECEIVED: 06/15/2007	API	NO. ASSIC	GNED: 43-013	 -33697		
WELL NAME: UTE TRIBAL 2-24D-55	DIIONE	T NIIMDED.	435-722-1325	ā		
OPERATOR: BERRY PETROLEUM COMPANY ( N2480 )  CONTACT: SHELLY CROZIER	PHONE	. NUMBER:	433 722 1320	<u>,                                      </u>		
CONTACT: SHELLI CROZIER						
PROPOSED LOCATION:	INSP	ECT LOCATN	1 BY: /	/		
NWNE 24 050S 050W	Tech	Review	Initials	Date		
SURFACE: 0907 FNL 1717 FEL BOTTOM: 0577 FNL 2069 FEL	Engi	neering				
COUNTY: DUCHESNE	Geol	ogy				
LATITUDE: 40.03683 LONGITUDE: -110.3925	Cumf					
UTM SURF EASTINGS: 551834 NORTHINGS: 44318 FIELD NAME: BRUNDAGE CANYON (72	) <sub>11</sub>					
LEASE TYPE: 2 - Indian  LEASE NUMBER: 14-20-H62-4749  SURFACE OWNER: 2 - Indian  RECEIVED AND/OR REVIEWED:		DSED FORMA' BED METHANI		7		
Plat  Bond: Fed[] Ind[2] Sta[] Fee[]	R649-2-3.					
(No. RLB0005651 )	Unit:					
Potash (Y/N)		R649-3-2. General				
Oil Shale 190-5 (B) or 190-3 or 190-13	_	Siting: 460 From Qtr/Qtr & 920' Between Wells				
Water Permit (No. 43-11041 )	R649-3	R649-3-3. Exception				
RDCC Review (Y/N)		Drilling Unit				
(Date:)	Board Eff D	Cause No:				
NA Fee Surf Agreement (Y/N)	Sitin	Siting:				
Intent to Commingle (Y/N)	<u>√</u> R649-3	-11. Dire	ectional Dril	-1,		
COMMENTS: Sop, Seperate	Re					
STIPULATIONS: 1- Geden (aborov (						
2-1500 Cent Ch						
	1					





Lieutenant Governor



MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

June 18, 2007

Berry Petroleum Company Rt. 2, Box 7735 Roosevelt, UT 84066

Re:

Ute Tribal 2-24D-55 Well, Surface Location 907' FNL, 1717' FEL, NW NE, Sec. 24,

T. 5 South, R. 5 West, Bottom Location 577' FNL, 2069' FEL, NW NE, Sec. 24,

T. 5 South, R. 5 West, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33697.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Duchesne County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	Berry P	etroleum Company	
Well Name & Number	Ute Tril	bal 2-24D-55	
API Number:	43-013-	33697	
Lease:	14-20-H62-4749		
Surface Location: NW NE	Sec. 24	<b>T.</b> <u>5 South</u>	<b>R.</b> <u>5 West</u>
Bottom Location: NW NE	Sec. 24_	T. 5 South	R. 5 West
	Conditions of A	pproval	

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

## 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

(April 2004)

2007 JUN 15 PM 3:49

OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR

	BU	REAU OF LANI	D MANAGEMEI	NT STIDE ATTOM		Un L		14-20-H62-	4749
ADE	LICATION	OD DEDMI	T TO DRIL	NT BUREAU OF L	ANU MG	1 1. 6.	lf Indian, A	Allotee or Tribe Name	9
AFF	LICATION	OK PEKINI	I TO DRIE	LOKKEENIE	r.			UTE	
T. D. C.	[J]ppu		Deeni	**************************************		7.	Unit or CA	Agreement, Name a	and No.
1a. TYPE OF WORK	√DRILL		REENTE	ΞK				N/A	
						8.	Lease Nar	me and Well No.	
1b. Type of Well:	√ Oil well	Gas well	Other	√ Single zone	Multiple 2	zone	ţ	JTE TRIBAL	2-24D-55
2. Name of Operator						9.	API Well N	No.	
BERR	Y PETROLEU	M COMPAN'	Υ				13,	013.3	3697
3a. Address 4000 S	OUTH 4028 V	VEST		3b. Phone No. (include are	e code)	10.	Field and	Pool, or Exploratory	,
RT. 2	BOX 7735, RC	OSEVELT, I	UT. 84066	(435) 722-	1325		BF	RUNDAGE C	ANYON
4. Location of Well (Report	location clearly and in a	accordance with any	State requirements.*	NAD 27		11.	Sec., T. I	R. M. or BLK. and Su	rvey or Area
At surface (N\	N/NE) 907' FN	IL, 1717' FEI	_	40.036842	LAT		SE	C. 24, T.5S.	., R.5W.
At proposed prod. zone	BHL: 577'	FNL 2069' F	EL NWNE	110.392542	LONG			U.S.B.&N	
14. Distance in miles and o	ircetion from nearest to	wn or post office*			<del></del>	12.	County o	r Parrish	13. State
	ES FROM MY	TON, UTAH	<u> </u>				DUC	CHESNE	UTAH
<ol> <li>Distance from proposed location to nearest</li> </ol>	<b>1</b> *			16. No. of acres in lease		17. Spacii	_	dicated to this well	
property of lease line, to (Also to neaset drig. Un		907'		640			40		
<ol> <li>Distance from proposed to nearest well, drilling;</li> </ol>				19. Proposed Depth	i.	20. BLM/			
applied for, on this leas		900'		6045'		] .	UTB	000035 / RL	B0005750
21. Elevations (Show whether		tc.)		22. Approximate date work				23. Estimated durati	ion
66	64' GR	<u> </u>		REFER TO	BPC SO	P PLAI	<u> </u>	REFER TO B	PC SOP PLAN
			24. <i>F</i>	Attachments				•	
The following, completed in	accordance with the re-	quirements of Onsho	re Oil and Gas Orde	r No. 1, shall be attached to	this form:		<u> </u>		<del></del>
Well plat certified by a re	edistared surveyor			Id. Rand to sover	the energtions	uniona enu	arad bir an	existing bond on file	. /
A Drilling Plan.	sgistered surveyor.			item 20 above		uness cove	ered by arr	existing bond on file	(see
3. A Surface Use Plan (if the location is on National Forest System Lnads, the 5. Operator certification.									
SUPO shall be filed with	the appropriate Forest	Service Office).		Such other site     authorized off		nation and/o	or plans as	may be required by	the
25. Signature	^	7		Name (Printed/Typed)		-	<del></del>	Date	
	lelley 2.	Croza a		SHELI	LEY E. CI	ROZIE	R	06/	13/07
Title REGULA	() TORY & PERI	AITTING SP	ECIALIST						
Approved by (Signatrue)	//			Name (Printed/Typed)	··· · · · · · · · · · · · · · · · · ·			Date	······································
1. 1				JERRY KEN	v=KA			12-27	- 2007
Title	Kapistont Floir	No. of the last of		Office				1/2-27	

conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United



RECEIVED DEC 3 1 2007





# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Berry Petroleum Company Location: NWNE, Sec 24, T5S, R5W (Surface)

NWNE, Sec 24, T5S, R5W (Bottom)

Well No: Ute Tribal 2-24D-55 Lease No: 14-20-H62-4749

API No: 43-013-33697 Agreement: N/A

170 South 500 East

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	, ,
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435)828-35484
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(4350 828-3545
		Fax: (435) 781-3420	

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in
· · · · · · · · · · · · · · · · · · ·		writing 48 hours in advance of any construction activity. The
		Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction,
		notify the Ute Tribe Energy & Minerals Dept. for a Tribal
		Technician to verify the Affidavit of Completion.
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	·-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice		Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 8 Well: Ute Tribal 2-24D-55

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SURFACE COAs:

# Additional Stipulations:

- Paint tanks Desert Tan.
- Keep pipeline away from trees.

# General Conditions of Approval:

- A <u>30</u>° foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.

COAs: Page 3 of 8 Well: Ute Tribal 2-24D-55

• All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

COAs: Page 4 of 8 Well: Ute Tribal 2-24D-55

#### **DOWNHOLE CONDITIONS OF APPROVAL**

## SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.
- All blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
  drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2
  to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump
  with a chart recorder and NOT by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter.

COAs: Page 5 of 8 Well: Ute Tribal 2-24D-55

Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 6 of 8 Well: Ute Tribal 2-24D-55

# **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the

COAs: Page 7 of 8 Well: Ute Tribal 2-24D-55

well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future
  meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal
  Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and
  the AGA standards for natural gas measurement. All measurement points shall be identified as the point
  of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 8 of 8 Well: Ute Tribal 2-24D-55

• Unless the plugging is to take place immediately upon receipt of oral approval the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, amount of casing in hole and the current status of the surface restoration.

# STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

		14-20-H62-4749
SUNDRY NOTICES AND REPORTS	6. If Indian, Allottee or Tribe Name:	
	UTE TRIBE	
Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plu Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such pro	7. Unit Agreement Name: N/A	
		8. Well Name and Number:
1. Type of Well: OIL X GAS OTHER:		UTE TRIBAL 2-24D-55
2. Name of Operator:		9. API Well Number:
BERRY PETROLEUM COMPANY		43-013-33697
3. Address and Telephone Number:		10. Field and Pool, or Wildcat:
4000 SOUTH 4028 WEST, RT. 2 BOX 7735 ROOSEVELT, UTAH 84066	(435) 722-1325	BRUNDAGE CANYON
4. Location of Well:		O
Footages: 907' FNL, 1717' FEL BH BHL: 577' FNL, 2069' FEL		County: DUCHESNE, State: LITAH
QQ, Sec., T., R., M.: NW/NE SEC. 24, T5S, R5W USB&M		State: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATUR	E OF NOTICE, REPORT, OR OTHER	R DATA
NOTICE OF INTENT	SUBSEQUENT	REPORT
(Submit in Duplicate)	(Submit Original	Form Only)
Abandon New Construction	Abandon	New Construction
Repair Casing Pull or Alter Casing	Repair Casing	Pull or Alter Casing
Change of Plans Recomplete	Change of Plans	Reperforate
Convert to Injection Reperforate	Convert to Injection	Vent or Flare
Fracture Treat or Acidize Vent or Flare	Fracture Treat or Acidize	Water Shut-Off
Multiple Completion Water Shut-Off	Other	
X Other ONE YEAR EXTENSION	_	
	Date of work completion	
Approximate date work will start	Report results of Multiple Completions and Reco	ompletions to different reservoirs on WELL
	COMPLETION OR RECOMLEPTION REPOR	RT AND LOG form.
	* Must be accompanied by a cement verification repo	rt.
vertical depths for all markers and zones pertinent to this work.)  BERRY PETROEUM COMPANY RESPECTFULLY REQUESTS TH  TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR		
	Approved by the Utah Division of Oil, Gas and Mining	
COPY SENT TO OPERATOR	~ A ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
Date:         6:19:2008         Date:           Initials:         KS         By	ate: 06-(8-08	
Name & Signature: SHELLEY E. CROZIER Shelley Crozy Title  (This space for Federal or State office use)	e: REGULATORY & PERMITTING SPECIAL	.IST_Date: 06/16/08

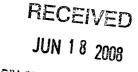
RECEIVED JUN 18 2008



# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

Well Name: UTE TRIBAL 2-24D-55 Location: (NW/NE) 907' FNL, 1717' FEL, SEC. 24-T5S-R5W Company Permit Issued to: BERRY PETROLEUM COMPANY Date Original Permit Issued: 6/18/2007				
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.				
Following is a checklist of some items related to the application, which should be verified.				
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑				
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑				
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes □ No ☑				
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes □ No ☑				
Has the approved source of water for drilling changed? Yes□No☑				
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑				
Is bonding still in place, which covers this proposed well? Yes ☑ No □				
Signature Date				
Title: Regulatory & Permitting Specialist				
Representing: Berry Petroleum Company				



# STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES				
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4749			
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  UTE			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	s, or to 7. UNIT or CA AGREEMENT NAME: N/A			
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: UTE TRIBAL 2-24D-55			
2. NAME OF OPERATOR:	9. API NUMBER:			
BERRY PETROLEUM COMPANY  3. ADDRESS OF OPERATOR: PHONE NUMBER:	4301333697			
4000 S. 4028 W. Roosevelt STAFE UT 219 84066 (435) 722-13.				
4. LOCATION OF WELL	DUCUEONE			
FOOTAGES AT SURFACE: 907' FNL, 1717' FEL BHL: 577' FNL, 2069' FEL	COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 24 T5S R5W	STATE: <b>UTAH</b>			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, F	REPORT, OR OTHER DATA			
TYPE OF SUBMISSION TYPE OF ACTION				
ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION			
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL			
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON			
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR			
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE			
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL			
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF			
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: 1 YEAR EXTENSION			
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORM	MATION			
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.  Approved by the  Utah Division of  Oil, Gas and Mining				
Date: 91 50	COPY SENT TO OPERATOR			
By:	Date: <u>6 · 25 · 2009</u> Initials: <u>K5</u>			
NAME (PLEASE PRINT) SHELLEY E. CROZIER TITLE REGULATO	ORY & PERMITTING SPECIALIST			
SIGNATURE Shelley E. Crozle DATE 6/16/2009				
This space for State use only)				

RECEIVED JUN 2 2 2009

March.

# Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: Location: Company Per	43-013-33697 UTE TRIBAL 2-24D-55 (NW/NE) 907' FNL, 1717' FE mit Issued to: BERRY Permit Issued: 6/18/200'	PETROLEUM COMPANY				
above, hereby	verifies that the information	ghts to drill on the property as permitted ion as submitted in the previously alid and does not require revision.				
Following is a converified.	checklist of some items i	elated to the application, which should be				
	rivate land, has the owne en updated? Yes □ No ☑	ership changed, if so, has the surface				
		ity of the proposed well which would affect his location? Yes⊡ No ☑				
	Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑					
	Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☑					
Has the approv	ved source of water for d	rilling changed? Yes□No☑				
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑						
Is bonding still	in place, which covers the	nis proposed well? Yes⊠No⊟				
Signature Signature	g E. Orozie	6/16/2009 Date				
Title: Regulator	y & Permitting Specialist					
Representing:	Berry Petroleum Company					
		RECEIVED				

JUN 2 2 2009

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

Expires: July	31, 2010
OMB No. 10	04-0137
I OICHI / II I	COVE

FORM APPROVED

5. Lease Serial No. 14-20-H62-4749

6. If Indian, Allottee or Tribe Name

UTE

abandoned well. Use Form 3160-3 (APD) for such proposals.			UTE		
SUBMI'	T IN TRIPLICATE – Other	r instructions on page 2.		7. If Unit of CA/Agree N/A	ment, Name and/or No.
Oil Well Gas W	/ell Other			8. Well Name and No. UTE TRIBAL 2-24D-	55
2. Name of Operator BERRY PETROLEUM COMPANY	,			9. API Well No. 4301333697	
3a. Address 4000 SOUTH 4028 WEST, RT. 2, BOX 7735 ROOSEVELT, UTAH 84066		3b. Phone No. (include area co.) (435) 722-1325	ode)	10. Field and Pool or E BRUNDAGE CANYO	•
4. Location of Well <i>(Footage, Sec., T.,</i> 907' FNL, 1717' FEL BHL: 577' FNL, 2069' FE	•	i)		11. Country or Parish, DUCHESNE COUN	
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	E OF NOTI	CE, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACT	TION	
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	luction (Start/Resume) amation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	=	omplete porarily Abandon	Other1 YR. EXTENSION
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wat	er Disposal	
<ol> <li>Describe Proposed or Completed O the proposal is to deepen direction. Attach the Bond under which the v</li> </ol>	ally or recomplete horizontal	lly, give subsurface locations and	l measured a	nd true vertical depths of	f all pertinent markers and zones.

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

determined that the site is ready for final inspection.)

DEC \_ 1 2009

PINVERNAL (ITAL)

RECEIVED DEC 3 1 2009

DIV. OF OIL, GAS & MINING

Establish to mass to be the	
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
SHELLEY E. CROZIER	Title REGULATORY & PERMITTING SPECIALIST
Signature ENCHEY & Crozele	Date 12/01/2009
THIS SPACE FOR FED	DERAL OR STATE OFFICE USE
Approved by	Petroleum Engineer DEC 1 7 2009
Conditions of approval, it any the attached. Approval of this notice does not warrant of	or certify
that the applicant holds legal or equitable title to those rights in the subject lease which entitle the applicant to conduct operations thereon.	would Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4749
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U	existing wells below current Jse APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: UTE TRIBAL 2-24D-55
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY			9. API NUMBER: 43013336970000
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B	ox 7735 , Roosevelt, UT, 84066	<b>PHONE NUMBER:</b> 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: BRUNDAGE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0907 FNL 1717 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 24	IP, RANGE, MERIDIAN: Township: 05.0S Range: 05.0W Meridian:	: U	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
6/18/2011	☐ CHANGE WELL STATUS	SON WELLS  Description wells below current use APPLICATION FOR PERMIT TO  PHONE NUMBER: 303 999-4044 Ext  B  TYPE OF ACTION  TYPE OF ACTION  ALTER CASING CHANGE TUBING COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT PLUG AND ABANDON RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL VENT OR FLARE SI TA STATUS EXTENSION OTHER  THINENT CHANGE THINENT CHANGE THAT THE APPORVED WELL BE EXTENDED FOR EAR.  B  By:	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	■ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all ner	tinent details including dates, denths, y	volumes, etc.
BERRY PETROLE	UM RESPECTFULLY REQUESTS ILL FOR THE ABOVE SUBJECT THE PERIOD OF ONE (1) YE	THAT THE APPORVED WELL BE EXTENDED FOR	Approved by the Utah Division of Oil, Gas and Mining
		D	May 25, 2010
		E	sy: Ballyll
			33
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Kathy K. Fieldsted	435 722-1325		ch.
SIGNATURE N/A			



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43013336970000

**API:** 43013336970000 Well Name: UTE TRIBAL 2-24D-55

Location: 0907 FNL 1717 FEL QTR NWNE SEC 24 TWNP 050S RNG 050W MER U

Company Permit Issued to: BERRY PETROLEUM COMPANY

**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the requ

the informa	tion as submitted ir sion. Following is a	the previously approved checklist of some items	application telated to the	o drill, re applicati	mains valid and doe on, which should be	s not verified.
	ated on private land ed? 🦳 Yes 🌘 N	, has the ownership char lo	iged, if so, ha	s the sur	face agreement bee	n
		ed in the vicinity of the pairs location? Tes		which we	ould affect the spaci	ng or
	nere been any unit on sproposed well?	or other agreements put Yes 📵 No	in place that o	could affe	ect the permitting or	operatio
	there been any cha the proposed locat	nges to the access route ion?  Yes  No	including owr	nership, o	r rightof- way, whic	h could
• Has th	ne approved source	of water for drilling char	ıged? 🗍 Ye	s 📵 No		
		sical changes to the surfa at was discussed at the o				uire a
• Is bor	nding still in place, v	which covers this propos	ed well? 📵	Yes 🗍	Approved by No Utah Division Oil, Gas and M	of
Signature:	Kathy K. Fieldsted	Dat	<b>e:</b> 5/24/2010			
		mitting Tech. Representin		ROLEUM	May 25, 201	0
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MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

May 26, 2011

Kathy Fieldsted Berry Petroleum Company Rt. 2, Box 7735 Roosevelt, UT 84066

Re:

APD Rescinded – Ute Tribal 2-24D-55, Sec. 24, T. 5S, R. 5W

Duchesne County, Utah API No. 43-013-33697

Dear Ms. Fieldsted:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 18, 2007. On June 18, 2008, June 24, 2009 and May 25, 2010 the Division granted a oneyear APD extension. On May 25, 2011, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective May 25, 2011.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diàna Mason

Environmental Scientist

and Hilason

cc:

Well File

Bureau of Land Management, Vernal

